

WHAT IS CLAIMED IS:

1. A physiotherapy method consisting in that a patient is irradiated with electromagnetic microwave radiation, characterized in that the said patient is irradiated with electromagnetic microwave radiation at, at least, one frequency belonging to, at least, one of the frequency ranges selected from the following series: from 1,554 MHz to 1,618 MHz, from 1,245 MHz to 1,295 MHz, from 1,104 MHz to 1,150 MHz, from 940 MHz to 978 MHz, from 706 MHz to 736 MHz, from 568 MHz to 592 MHz, from 528 MHz to 563 MHz, from 470 MHz to 492 MHz, from 445 MHz to 465 MHz, from 415 MHz to 435 MHz, from 301 MHz to 317 MHz, from 274 MHz to 291 MHz, from 209 MHz to 219 MHz, from 140 MHz to 152 MHz, from 113 MHz to 121 MHz, from 85 MHz to 95 MHz, from 39 MHz to 51 MHz, from 15 MHz to 21 MHz, and the exposure to radiation is carried out with the modulation frequency from 4 Hz to 200 Hz, and the intensity of electromagnetic radiation produced by the oscillators through the irradiating antenna device at the place of location of the patient is set at a value not more than $3.6 \mu\text{W}/\text{cm}^2$.
2. The physiotherapy method according to Claim 1, characterized in that in one session the patient is irradiated with electromagnetic microwave radiation for the period from 0.5 to 3 hours.
3. A physiotherapy method according to Claim 1 or Claim 2, characterized in that the patient is irradiated with electromagnetic microwave radiation daily or every other day with the total irradiation time from 8 to 24 hours.
4. A physiotherapy device comprising an oscillator for producing electromagnetic microwave radiation, which is connected to an irradiating antenna device, characterized in that the said oscillator for producing electromagnetic microwave radiation, which is connected with the said antenna device, is made with the possibility of modulating the frequency in the range from 4 Hz to 200 Hz and operates in the frequency range selected from the following series: from 1,554 MHz to 1,618 MHz, from 1,245 MHz to 1,295 MHz, from 1,104 MHz to 1,150 MHz, from 940 MHz to 978 MHz, from 706 MHz to 736 MHz, from 568 MHz to 592 MHz, from 528 MHz to 563 MHz, from 470 MHz to 492 MHz, from 445 MHz to 465 MHz, from 415 MHz to 435 MHz, from 301 MHz to 317 MHz, from 274 MHz to 291 MHz, from 209 MHz to 219 MHz, from 140 MHz to 152 MHz, from 113 MHz to 121 MHz, from 85 MHz to 95 MHz, from 39 MHz to 51 MHz, from 15 MHz to 21 MHz, and the density of the electromagnetic radiation power flow produced

by the oscillator through the irradiating antenna device at the place of location of the patient being not more than $3.6 \mu\text{W}/\text{cm}^2$.

5. A physiotherapy device according to Claim 4, characterized in that it comprises at least one additional oscillator producing electromagnetic microwave radiation, which is connected with the antenna device, is made with the possibility of modulating the frequency in the range from 4 Hz to 200 Hz and operates in the frequency range selected from the following series: from 1,554 MHz to 1,618 MHz, from 1,245 MHz to 1,295 MHz, from 1,104 MHz to 1,150 MHz, from 940 MHz to 978 MHz, from 706 MHz to 736 MHz, from 568 MHz to 592 MHz, from 528 MHz to 563 MHz, from 470 MHz to 492 MHz, from 445 MHz to 465 MHz, from 415 MHz to 435 MHz, from 301 MHz to 317 MHz, from 274 MHz to 291 MHz, from 209 MHz to 219 MHz, from 140 MHz to 152 MHz, from 113 MHz to 121 MHz, from 85 MHz to 95 MHz, from 39 MHz to 51 MHz, from 15 MHz to 21 MHz.
6. A physiotherapy device according to Claim 4 or Claim 5, characterized in that the said irradiating antenna device is installed at a distance from 1.5 to 8 meters from the place of location of the patient.
7. A physiotherapy device according to Claim 4 or Claim 5 or Claim 7, characterized in that the said device is provided with a portable irradiating antenna device.